WO 2005/038020 PCT/US2004/033868

## What is claimed is:

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1. A recombination cassette comprising

a promoter/enhancer region;

a polynucleotide of interest;

a polyA signal domain;

an FRT recombination domain; and

a dhfr polynucleotide,

wherein the promoter/enhancer region, the polynucleotide of interest and the polyA signal domain are operably linked.

- 10 2. The recombination cassette of claim 1, wherein the promoter/enhancer region comprises a human CMV immediate early 1 (hCMV IE1).
  - 3. The recombination cassette of claim 2, wherein the hCMV IE1 promoter/enhancer region comprises a sequence as set forth from about  $x_1$  to about  $x_2$  of SEQ ID NO:1 or 2, wherein  $x_1$  is a nucleotide from position 1 to position 70 and  $x_2$  is a nucleotide from position 770 to position 780.
  - 4. The recombination cassette of claim 1, further comprising a variable length intervening sequence (VLIVS) comprising a splice donor site and a splice acceptor site.
  - 5. The recombination cassette of claim 4, wherein the VLIVS comprises an intron A of a hCMV IE1 gene.
    - 6. The recombination cassette of claim 4, wherein the VLIVS comprises an intron A of a hCMV IE1 gene that has a deletion between the splice donor site and splice acceptor site of the intron A.
- 7. The recombination cassette of claim 6, wherein the VLIVS comprises a sequence from about  $x_3$  to about  $x_4$  of SEQ ID NO:1, wherein  $x_3$  is a nucleotide from 770-780 and  $x_4$  is a nucleotide from 1300-1310 of SEQ ID NO:1; or from about  $x_5$  to about  $x_6$  of SEQ ID NO:2, wherein  $x_5$  is a nucleotide from 770-780 and  $x_6$  is a nucleotide from 1300-1310 of SEQ ID NO:2.

WO 2005/038020 PCT/US2004/033868

8. The recombination cassette of claim 1, wherein the polynucleotide of interest encodes a therapeutic agent.

- 9. The recombination cassette of claim 1, wherein the polyA signal domain comprises at least 100 contiguous nucleotides of SEQ ID NO:3.
- 5 10. The recombination cassette of claim 9, wherein the polyA signal domain comprises SEQ ID NO:3.
  - 11. A recombination vector comprising a recombination cassette of claim 1.
  - 12. The recombination vector of claim 11, further comprising a second promoter/enhancer region;
- 10 a second polynucleotide of interest; and
  - a second polyA signal domain,
  - wherein the second promoter/enhancer region, the second polynucleotide of interest, and the second polyA signal are operably linked.
- The recombination vector of claim 12, further comprising an intervening
  domain between the second promoter/enhancer region and the second polynucleotide of interest.
  - 14. A host cell comprising a recombination vector of claim 11.
  - 15. The host cell of claim 14, wherein the host cell is adapted for growth in suspension.
- 20 16. The host cell of claim 14, wherein the host cell is adapted for growth in serumfree medium.
  - 17. The host cell of claim 15, wherein the host cell is adapted for growth in serum-free medium.
  - 18. A host cell comprising a recombination cassette of claim 1.
- 25 19. The host cell of claim 18, wherein the host cell is adapted for growth in suspension.

WO 2005/038020 PCT/US2004/033868

20. The host cell of claim 18, wherein the host cell is adapted for growth in serum-free medium.

- 21. The host cell of claim 19, wherein the host cell is adapted for growth in serum-free medium.
- 5 22. A recombination system comprising:
  - a recombination cassette of claim 1; and a host cell comprising an FRT site.
  - 23. The recombination system of claim 22, wherein the host cell is a CHO cell.
- 24. The recombination system of claim 23, wherein the CHO cell is a CHO-DG44 cell.
  - 25. The recombination system of claim 22, wherein the host cell is adapted for growth in suspension.
  - 26. The recombination system of claim 22, wherein the host cell is adapted for growth in serum-free medium.
- The recombination system of claim 22, wherein the host cell is derived from a CHO-DG44 cell.
  - 28. The recombination system of claim 22, wherein the host cell is dhfr.
  - 29. A kit comprising a vector of claim 10 and a host cell comprising an FRT site.
- 30. The kit of claim 29, wherein the host cell is a dhfr CHO host cell, the genome of which comprises an FRT site.